

JULY 16 2000
PTO

06-19-00

PTO/SB/05 (1/98)

Approved for use through 09/30/2000. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCEPlease type a plus sign (+) inside this box → +

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 4432US

First Inventor or Application Identifier Patrick de Baetselier et al.

Title See 1 in Addendum

Express Mail Label No. EL500245761US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. * Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)
2. Specification [Total Pages 43]
(preferred arrangement set forth below)
 - Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to Microfiche Appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
3. Drawing(s) (35 U.S.C. 113) [Total Sheets 6]
4. Oath or Declaration unsigned [Total Pages 3]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 C.F.R. § 1.63(d))
(for continuation/divisional with Box 17 completed)
[Note Box 5 below]
 - i. DELETION OF INVENTOR(S)
Signed statement attached deleting
inventor(s) named in the prior application,
see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).
5. Incorporation By Reference (useable if Box 4b is checked)
The entire disclosure of the prior application, from which a
copy of the oath or declaration is supplied under Box 4b, is
considered to be part of the disclosure of the accompanying
application and is hereby incorporated by reference therein.

Assistant Commissioner for Patents
ADDRESS TO: Box Patent Application
Washington, DC 20231

6. Microfiche Computer Program (Appendix)
7. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. Computer Readable Copy
 - b. Paper Copy (identical to computer copy)
 - c. Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

8. Assignment Papers (cover sheet & document(s))
9. 37 C.F.R. §3.73(b) Statement [when there is an assignee] Power of Attorney
10. English Translation Document (if applicable)
11. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
12. Preliminary Amendment
13. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
 - * Small Entity Statement filed in prior application, (PTO/SB/09-12) Status still proper and desired
14. Statement(s) Certified Copy of Priority Document(s)
15. (if foreign priority is claimed)
16. Other:

* A new statement is required to be entitled to pay small entity fees, except where one has been filed in a prior application and is being relied upon.

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

 Continuation Divisional Continuation-in-part (CIP)

of prior application No. PCT/EP98/08169

Prior application information: Examiner _____ Group / Art Unit: _____

18. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label
(Insert Customer No. or Attach bar code label here)

or Correspondence address below

Name	Allen C. Turner			
	Trask, Britt & Rossa			
Address	P.O. Box 2550			
City	Salt Lake City	State	Utah	Zip Code
Country	U.S.A.	Telephone	(801) 532-1922	Fax (801) 531-9168

Name (Print/Type)	Allen C. Turner /EDGAR CATAKINOS	Registration No. (Attorney/Agent)	33,041 /39,931
Signature			Date 06/16/00

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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FEE TRANSMITTAL

for FY 2000

Patent fees are subject to annual revision.
Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12. See 37 C.F.R. §§ 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT (\$ 462.00)

Complete if Known

Application Number	
Filing Date	June 16, 2000
First Named Inventor	Patrick de Baetselier et al.
Examiner Name	
Group / Art Unit	
Attorney Docket No.	4432US

METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)																																																																																																																													
<p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:</p> <p>Deposit Account Number 20-1469</p> <p>Deposit Account Name Trask, Britt & Rossa</p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17</p>		<p>3. ADDITIONAL FEES</p> <table border="1"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td></tr> <tr><td>116</td><td>380</td><td>216</td><td>190</td></tr> <tr><td>117</td><td>870</td><td>217</td><td>435</td></tr> <tr><td>118</td><td>1,360</td><td>218</td><td>680</td></tr> <tr><td>128</td><td>1,850</td><td>228</td><td>925</td></tr> <tr><td>119</td><td>300</td><td>219</td><td>150</td></tr> <tr><td>120</td><td>300</td><td>220</td><td>150</td></tr> <tr><td>121</td><td>260</td><td>221</td><td>130</td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td></tr> <tr><td>141</td><td>1,210</td><td>241</td><td>605</td></tr> <tr><td>142</td><td>1,210</td><td>242</td><td>605</td></tr> <tr><td>143</td><td>430</td><td>243</td><td>215</td></tr> <tr><td>144</td><td>580</td><td>244</td><td>290</td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td></tr> <tr><td>126</td><td>240</td><td>126</td><td>240</td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td></tr> <tr><td>146</td><td>690</td><td>246</td><td>345</td></tr> <tr><td>149</td><td>690</td><td>249</td><td>345</td></tr> <tr><td colspan="4">Other fee (specify) _____</td></tr> <tr><td colspan="4">Other fee (specify) _____</td></tr> <tr> <td colspan="2">SUBTOTAL (1) (\$ 345.00)</td> <td colspan="2">SUBTOTAL (3) (\$)</td> </tr> <tr> <td colspan="4">* Reduced by Basic Filing Fee Paid</td> </tr> </tbody> </table>		Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid	105	130	205	65	127	50	227	25	139	130	139	130	147	2,520	147	2,520	112	920*	112	920*	113	1,840*	113	1,840*	115	110	215	55	116	380	216	190	117	870	217	435	118	1,360	218	680	128	1,850	228	925	119	300	219	150	120	300	220	150	121	260	221	130	138	1,510	138	1,510	140	110	240	55	141	1,210	241	605	142	1,210	242	605	143	430	243	215	144	580	244	290	122	130	122	130	123	50	123	50	126	240	126	240	581	40	581	40	146	690	246	345	149	690	249	345	Other fee (specify) _____				Other fee (specify) _____				SUBTOTAL (1) (\$ 345.00)		SUBTOTAL (3) (\$)		* Reduced by Basic Filing Fee Paid			
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SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Allen C. Turner / EDGAR CATANAS	Registration No. (Attorney/Agent)	33,041/34931	Telephone	(801) 532-1922
Signature	<i>Allen C. Turner</i>			Date	06/16/2000

WARNING:

Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Patrick de Baetselier et al.

Serial No.: To be assigned

Filed: June 16, 2000

For: PEPTIDES AND NUCLEIC ACIDS
DERIVED FROM *EISENIA FOETIDA* AND
THE USE THEREOF

Examiner: To be assigned

Group Art Unit: To be assigned

Attorney Docket No.: 4432US

NOTICE OF EXPRESS MAILING

Express Mail Mailing Label
Number: EL500245761US

Date of Deposit with USPS: June 16, 2000

Person making Deposit: Jared Turner

STATEMENT

Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

I, Edgar R. Cataxinos, an attorney registered to practice before the United States Patent & Trademark Office and attorney of record for this application, state that:

1. The enclosed paper copy of the substitute SEQUENCE LISTING, as well as the enclosed copy of the substitute SEQUENCE LISTING in computer readable form (CRF), have been prepared to comply with the requirements of 37 C.F.R. §§ 1.822 and/or 1.823.

2. The enclosed copy of the substitute SEQUENCE LISTING in computer readable form (CRF) is believed to be the same as the paper copy of the substitute SEQUENCE LISTING.

3. The SEQUENCE LISTINGS submitted herewith are believed to contain no "new matter" with regard to the referenced patent application.

Respectfully submitted,



Edgar R. Cataxinos
Registration No. 39,931
Attorney for Applicants
TRASK, BRITT & ROSSA
P. O. Box 2550
Salt Lake City, Utah 84110
Telephone: (801) 532-1922

Date: June 16, 2000

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